**Océ**
Océ VarioPrint®
6000 Ultra Line

# Experience ultra speed

**User manual**
Maintenance tasks

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# Chapter 1
# Introduction

# Notes for the reader

## Introduction

This manual helps you to use the Océ VarioPrint® 6000 Ultra Line. The manual contains a description of the product and guidelines to use and operate the Océ VarioPrint® 6000 Ultra Line.

## Definition

**Attention-Getters**

Parts of this manual require your special attention. These parts can provide the following:

- Additional general information, for example, information that is useful when you perform a task.
- Information to prevent personal injuries or property damage.

## Warning, Caution and Note

The words **Warning**, **Caution** and **Note** draw your attention to important information.

Overview of the attention-getters

| Word | Icon | Indicates |
|---|---|---|
| **Warning** | | Ignoring this warning could cause serious injury or even death.<br>The **Warning** indication has several icons that warn against various hazards. The icons are shown below. |
| **Warning** | | General hazard |
| **Warning** | | Hot surface |
| **Warning** | | Electric shock |
| **Warning** | | Moving parts |

| Word | Icon | Indicates |
|---|---|---|
| **Warning** | | Laser beam |
| **Caution** | | Ignoring this warning could cause injury or damage to property. |
| **Note** | | Indicates additional important information. |
| | | The use of heat-resistant gloves is mandatory when you carry out these actions. |

## Safety information

Before using this Océ product, make sure that you read and understand the safety information which is part of the user documentation. You can download the safety information via **http://global.oce.com/support/** or, if applicable, find it on the user documentation CD/DVD that is delivered together with the machine or obtain the safety information from your local Océ representative. To avoid potential hazards, maintenance is strictly preserved to properly qualified and trained service technicians.

# Available documentation

## Introduction

This machine is delivered with a documentation set that consists of the following items.

- A CD-ROM with all the manuals mentioned below
- Integrated Online Helps in the printer driver, the Settings Editor and other proprietary applications.

*Note:*
Please check www.oce.com for the latest version of the documentation.

## Main Content of the User Manuals

The following table provides an overview of the main content of the user manuals.

Main Content of the User Manuals

| User Manual | Main content |
|---|---|
| Operating information | ■ Overview of the main system components<br>■ Working with the operator panel<br>■ Handling and managing jobs on the operator panel<br>■ Add media, toner and staples |
| Maintenance tasks | ■ Replacing parts<br>■ Cleaning parts<br>■ Solve a paper jam in the engine module |
| Safety information | ■ Instructions for safe use |

# Introduction to the maintenance tasks

## Introduction

This manual is intended for trained and certified operators who received the special maintenance training for the printer. Therefore, this manual is only intended as a reference guide for the described maintenance procedures.
On the operator panel, you must always press 'Next' to continue with the next step, or 'Finish' to complete a maintenance task. After you finished a maintenance task, the operator panel will also ask you to restart the system. The procedures in this manual only describe the physical maintenance actions.

*Note:*
In this manual and on the operator panel, the trained and certified operator is referred to as the **key operator**.

*Note:*
Only a key operator is allowed to perform the maintenance tasks that are described in this manual. To make sure that only a key operator performs the maintenance tasks, it is recommended to define a maintenance PIN in the Settings Editor. Then the operator panel asks for the maintenance PIN when you start the first task of a maintenance session. A maintenance session can involve more than 1 maintenance task. A maintenance session ends when you leave the maintenance screen that displays the maintenance tasks. When no maintenance PIN is defined in the Settings Editor, the operator panel will not ask for a maintenance PIN.

## The maintenance levels

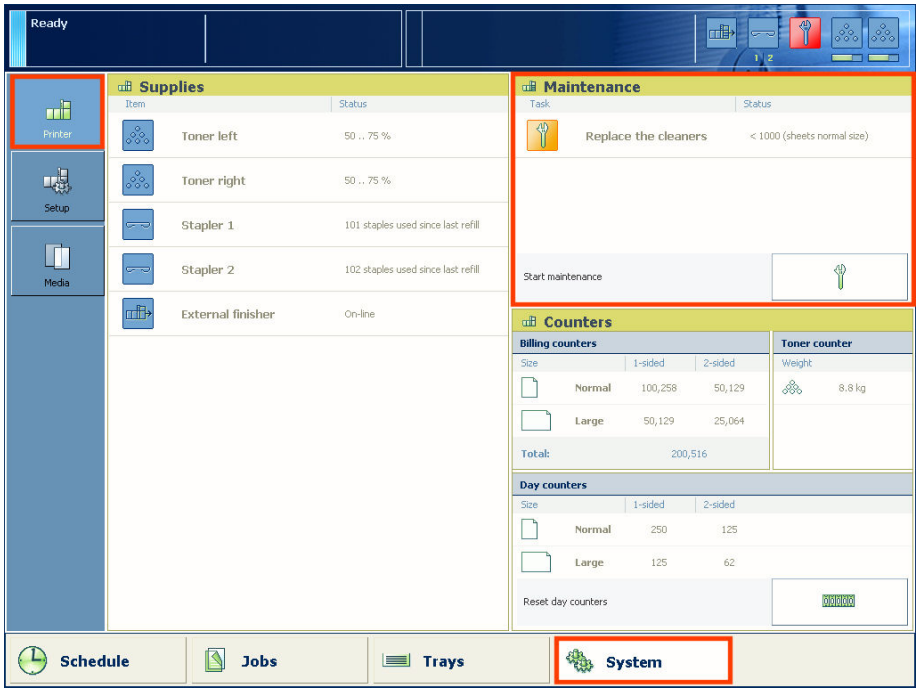
The machine is a high-volume production printer. Therefore, a short downtime due to required maintenance is very important to you. To help you reduce the downtime, 2 levels of maintenance tasks are defined which key operators can be allowed to do. The following table gives an overview of the maintenance levels and the respective maintenance tasks.

Overview of the maintenance tasks

| Maintenance level | Maintenance task | Where to find more information |
|---|---|---|
| 1 | Replace the cleaners | *'Replace the cleaners'* on page 14 |
| | Lock the clean units | ■ *'Lock the clean unit (left)'* on page 28<br>■ *'Lock the clean unit (right)'* on page 30 |
| 2 | Solve paper jams in hot areas of the printer | *'Remove sheets from the process modules'* on page 34 |
| | Clean the OPC belts | ■ *'Clean the OPC belt (left)'* on page 51)<br>■ *'Clean the OPC belt (right)'* on page 56) |

## Begin maintenance

The maintenance section of the 'System' view shows the required or suggested maintenance tasks. Here, you can only view the maintenance tasks.




[10] Begin maintenance

When you press the 'Start maintenance' button, the actual maintenance screen appears.

## The maintenance screen

After you press the 'Start maintenance' button in the 'System' view, the maintenance screen appears. The maintenance screen shows the required and suggested maintenance tasks. A red icon indicates required tasks. A yellow icon indicates suggested tasks. These tasks may be required soon. You can select a maintenance task from the list and press 'Start' to start the maintenance wizard.

# Determine the required maintenance

## Introduction

The operator panel indicates that maintenance is required, and when maintenance is required. The operator panel also leads you through all the steps of each maintenance task. This section describes how the operator panel indicates that the machine requires maintenance.

## Replace the cleaners

The sheet cleaners and the spiral cleaners are consumables. The cleaners have counters. If maintenance is required immediately or soon, the color of the maintenance icon changes. The 'Maintenance' section of the 'System' view on the operator panel indicates that you can or must replace the cleaners. There, the counter information is regularly updated. The following table describes what you must do when the maintenance icon is blue, orange or red.

When to replace the cleaners

| Maintenance icon | Description |
|---|---|
| | The maintenance icon is blue. Maintenance is currently not required. |
| | The maintenance icon is orange. The machine can print another 20,000 images before you **must** replace the cleaners. |
| | The maintenance icon is red. The counter is 0. The machine stops. You must replace the cleaners. Only then, the machine can continue printing. |

## Solve a paper jam in hot areas of the machine

When a paper jam occurs in the hot areas of the machine, the procedure is as follows.

- The machine stops.
- The operator panel displays the maintenance screen with this maintenance task.
- Select the maintenance task and press 'Start'.
- If applicable, enter the maintenance PIN.
- Follow the instructions on the operator panel to solve the paper jam.

# Chapter 2
# Maintenance tasks - Level 1

# Replace the cleaners

## Introduction

This procedure describes how to replace the charge unit.

## When to do

If the maintenance icon in the dashboard indicates that maintenance is required soon or immediately.

## Before you begin

Make sure that you have 2 new spiral cleaners and 2 new sheet cleaners at hand.

## Required tool

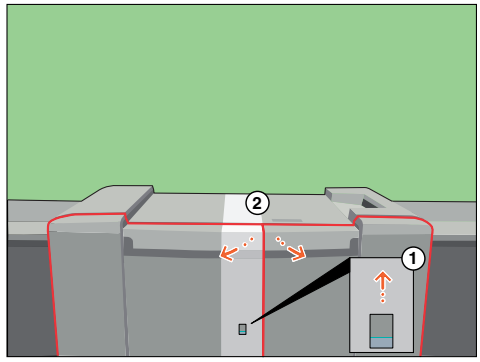
- D-wrench (supplied with the machine)
- Socket wrench 10 (supplied with the machine)
- Heat-resistant gloves (supplied with the machine)
- Adhesive tape (supplied with the machine)

***Caution:***
Certain parts of the machine may be hot. Therefore, always use the special heat- and oil-resistant fuser gloves.

## Open the doors and covers

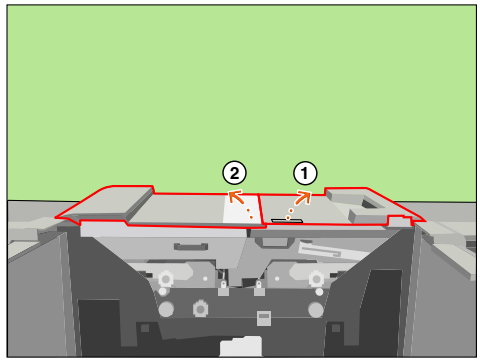
1. Use socket wrench 10 to loosen the bolt of the front doors (1).

2. Open the front doors (2).




[14] Open the front doors

3. Lift the right-hand top cover to the upper position (1).
4. Lift the left-hand top cover to the upper position (2).



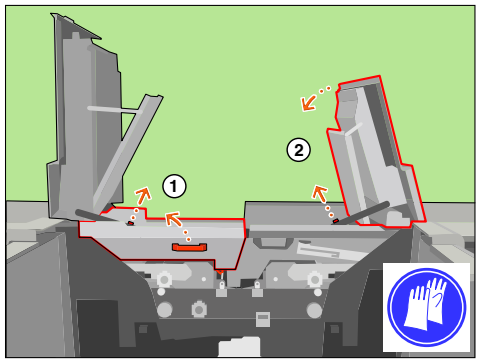

[15] Lift the top covers

***Caution:***
Hot area. Use heat-resistant gloves.

***Caution:***
Make sure that the left-hand inner cover is locked in the upper position.

5. Unlock the left-hand upper cover and lift the left-hand inner cover to the upper position (1).

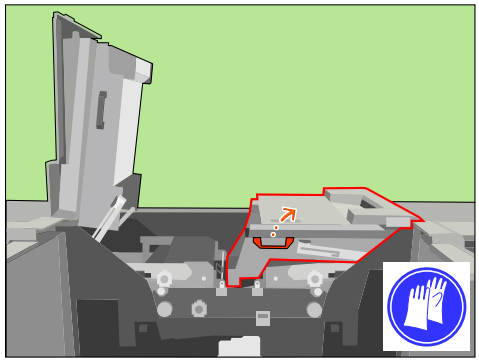
6. Unlock and **lower** the right-hand top cover (2).




[16] Lift the left-hand inner cover

***Caution:***
Make sure that the right-hand inner cover is locked in the upper position.

7. Lift the right-hand inner cover to the upper position.



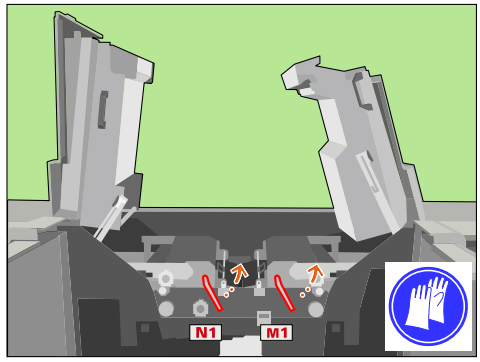
[17] Lift the right-hand inner cover

## Unlock the clean units

***Caution:***
Hot area. Use heat-resistant gloves.

1. Use the D-wrench to turn N1 counter-clockwise.

2. Use the D-wrench to turn M1 counter-clockwise.



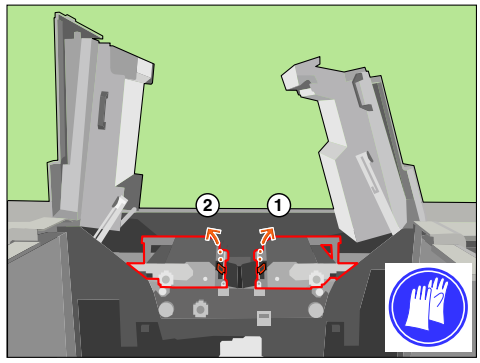

[18] Unlock the clean units

## Lift the clean units

***Caution:***
Hot area. Use heat-resistant gloves.

***Caution:***
Make sure that both clean units are locked in the upper position.

1. Use the red handle to lift the right-hand clean unit to the upper position (1).
2. Use the red handle to lift the left-hand clean unit to the upper position (2).



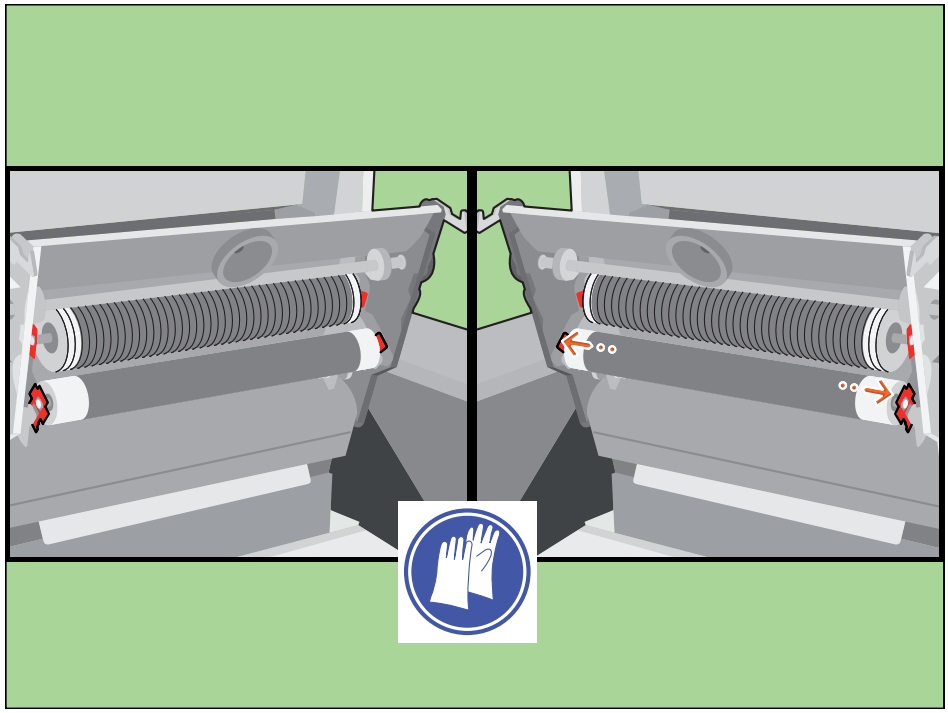

[19] Lift the clean units

## Remove the sheet cleaners

***Caution:***
Hot area. Use heat-resistant gloves.

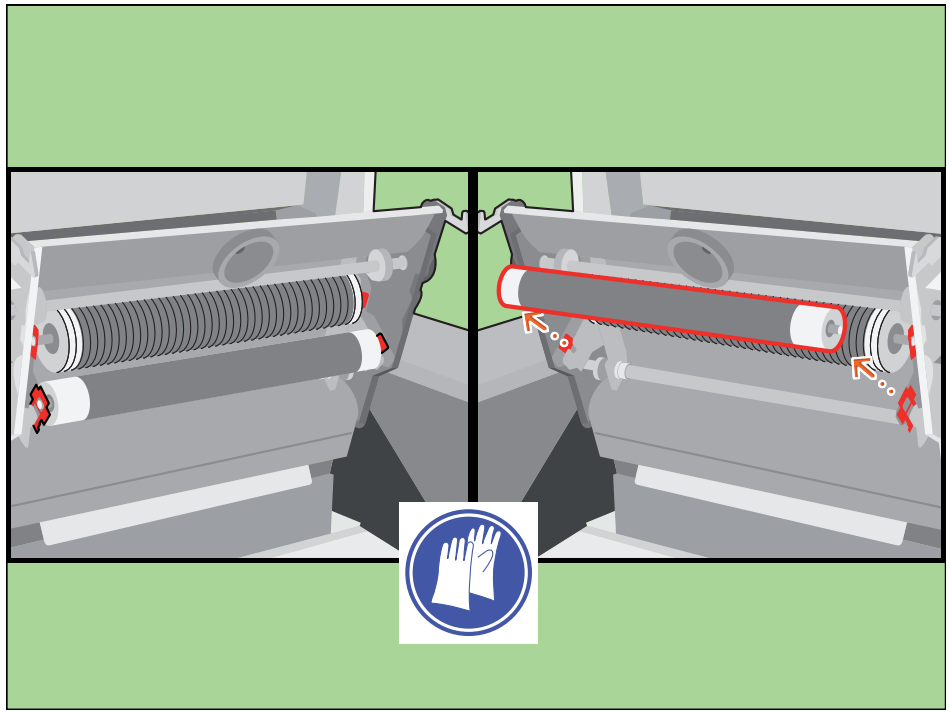
***Attention:***
Do not remove a layer of the sheet cleaner when the cleaner is inside the machine.

1. Press both red leaf springs at the end of the right-hand sheet cleaner outwards.



[20] Press the red leaf springs outwards

2. Remove the sheet cleaner.



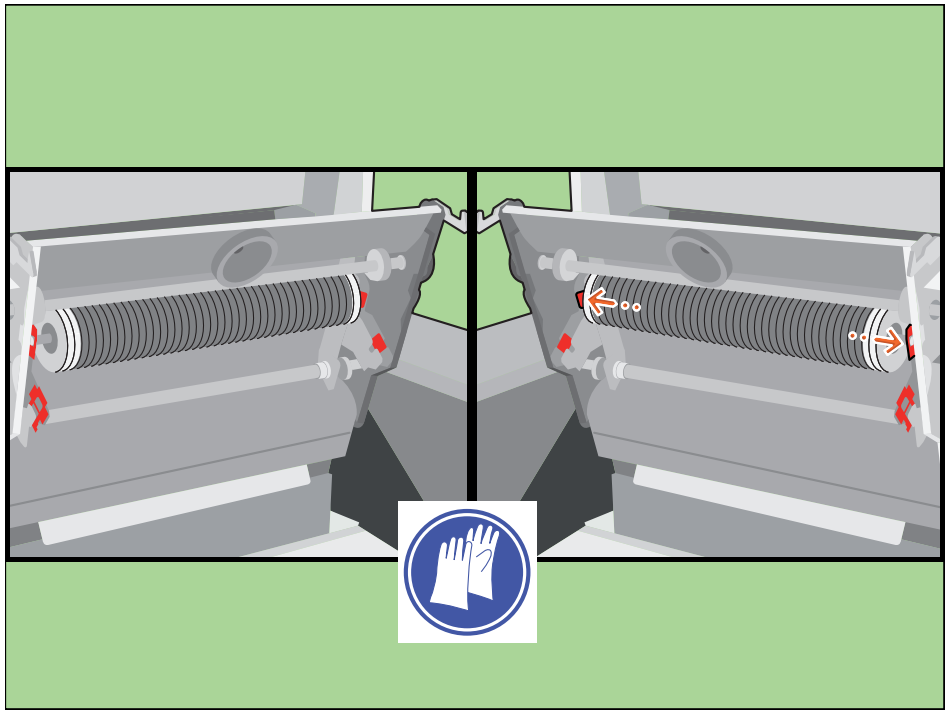
[21] Remove the sheet cleaners

3. Repeat the steps 1 and 2 for the left-hand sheet cleaner.

## Remove the spiral cleaners

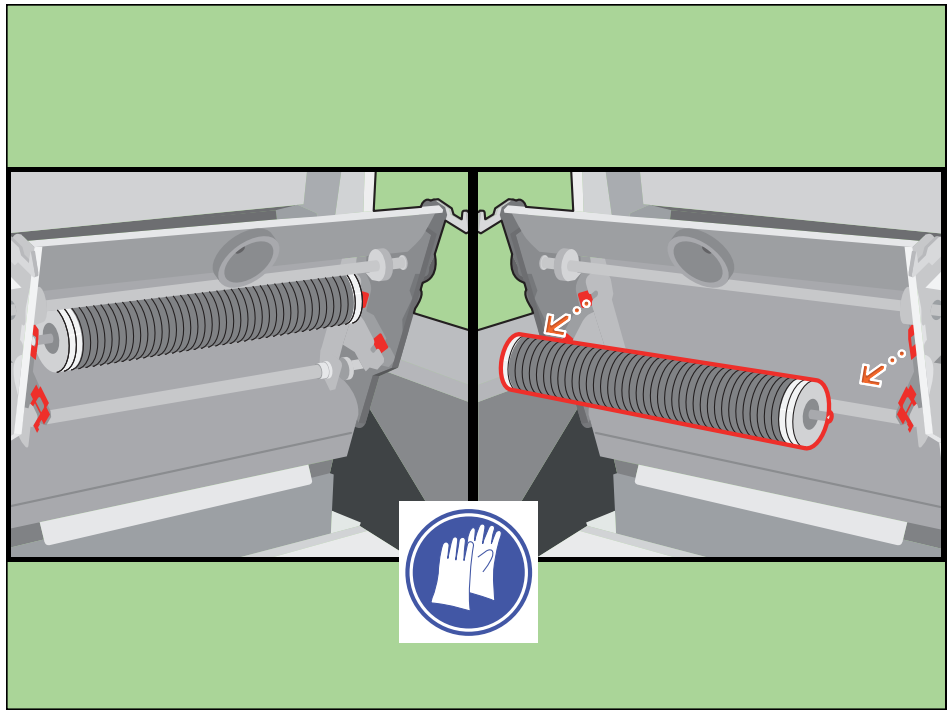
***Caution:***
Hot area. Use heat-resistant gloves.

1. Press both red leaf springs at the end of the right-hand spiral cleaner outwards.



[22] Press the red leaf springs outwards

2. Remove the spiral cleaner.



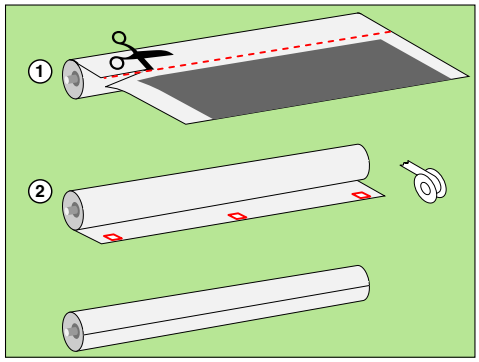
[23] Remove the spiral cleaners

3. Repeat the steps 1 and 2 for the left-hand spiral cleaner.

## Recondition the sheet cleaners

1. Remove 1 layer and an extra 2-3 cm (about 1 inch) of both sheet cleaners, including the old adhesive strip (1).

2. Use heat-resistant adhesive tape at 3 places to stick the end of the layer to the sheet cleaner (2).

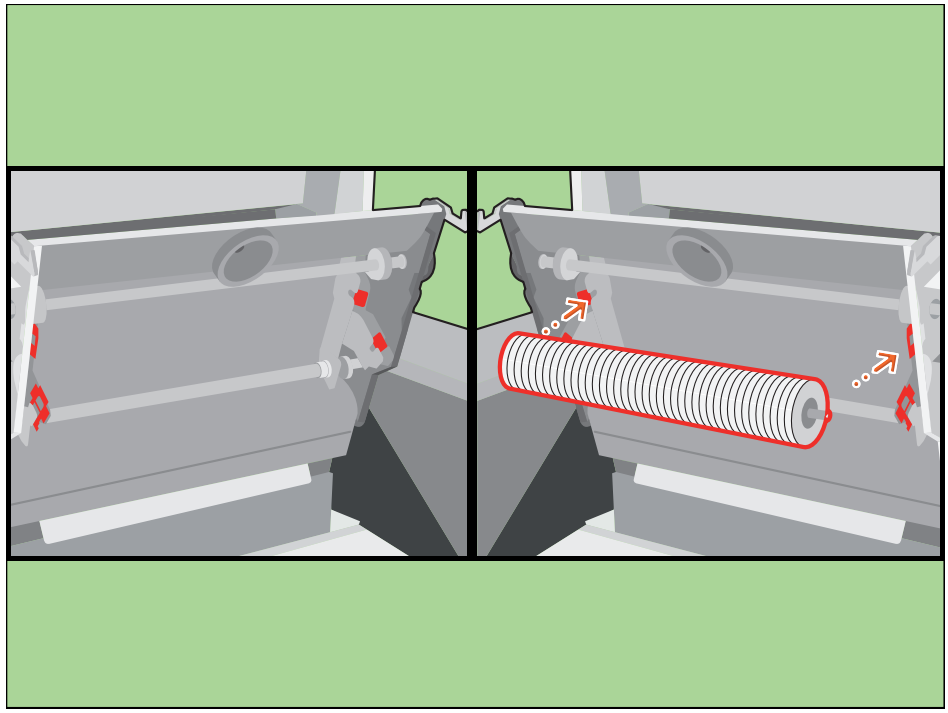



[24] Recondition the sheet cleaners

*Note:*
Only use a new sheet cleaner if the cylinder does not contain enough clean-sheet paper.

## Install the spiral cleaners

1. Lock the right-hand spiral cleaner between the red leaf springs.



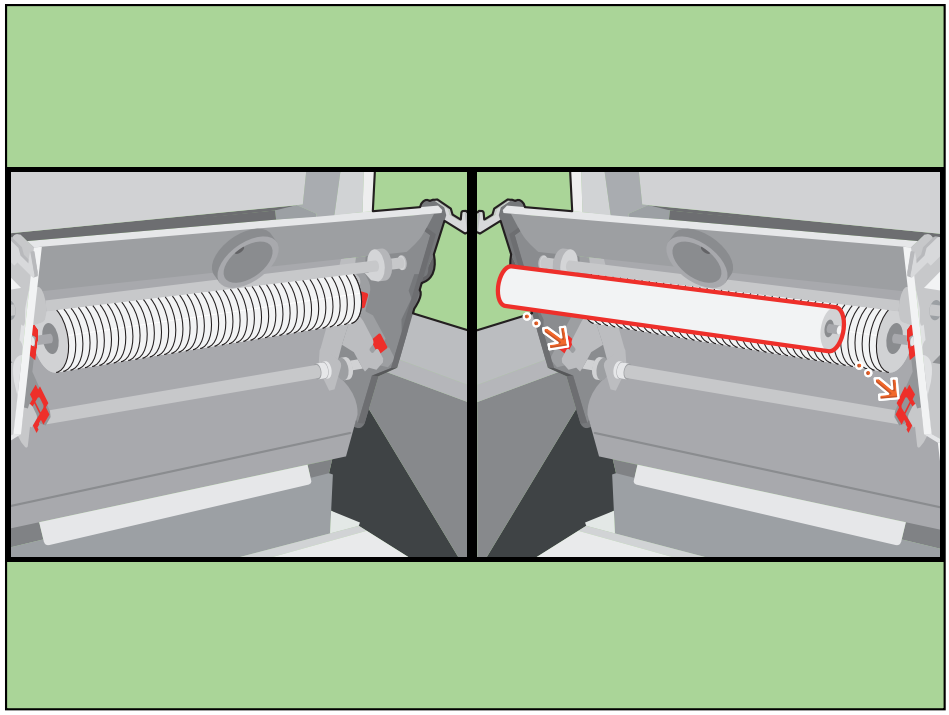
[25] Install the spiral cleaners

2. Repeat step 1 for the left-hand spiral cleaner.

*Note:*
The spiral cleaners only fit in one way.

## Install the sheet cleaners

1. Lock the right-hand sheet cleaner between the red leaf springs.



[26] Install the sheet cleaners

2. Repeat step 1 for the left-hand sheet cleaner.

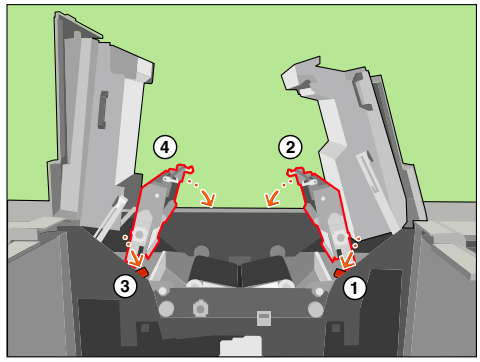
*Note:*
The sheet cleaners only fit in one way.

## Lower the clean units

***Attention:***
Make sure that the clean units are in the lowest position.

1. Lift the right-hand clean unit and push the red handle to unlock the locking mechanism (1).
2. Lower the right-hand clean unit into the locked position (2).

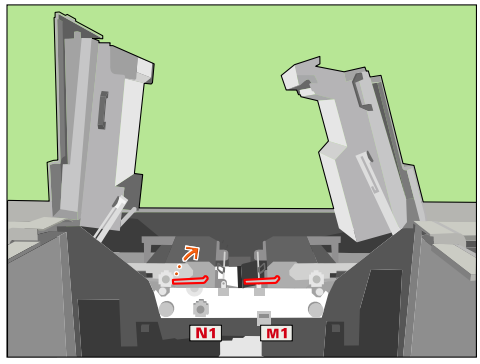
3. Lift the left-hand clean unit and push the red handle to unlock the locking mechanism (3).
4. Lower the left-hand clean unit into the locked position (4).




[27] Lower the clean units

## Lock the clean units

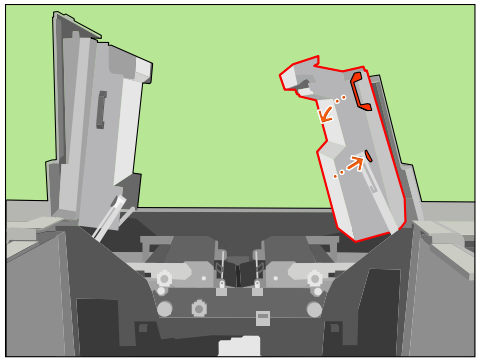
1. Use the D-wrench to turn N1 clockwise.
2. Use the D-wrench to turn M1 clockwise.




[28] Lock the clean units

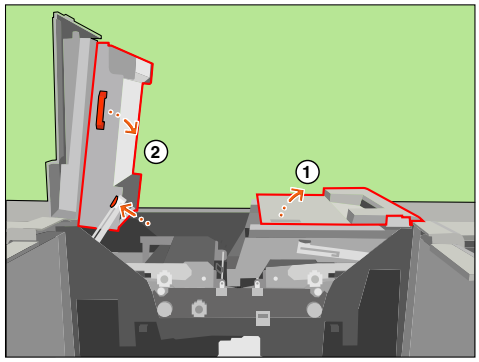
## Close the covers

1. Unlock and lower the right-hand inner cover.



[29] Close the right-hand inner cover

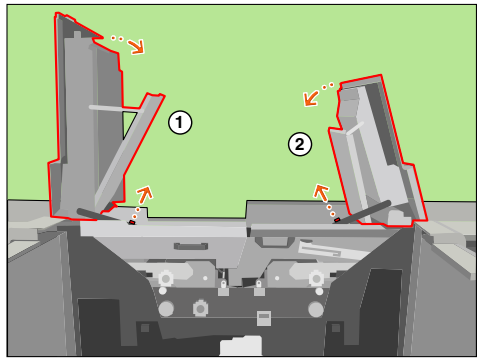
2. Lift the right-hand top cover to the upper position (1).
3. Unlock and lower the left-hand inner cover (2).




[30] Close the left-hand inner cover

4. Close the left-hand top cover (1).

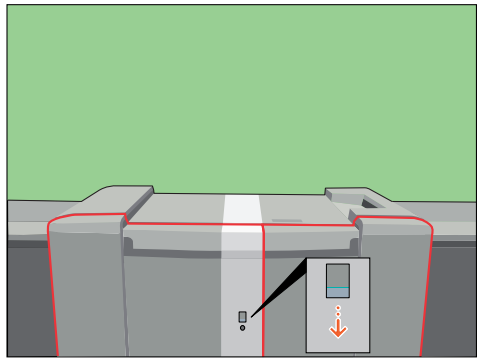
5. Close the right-hand top cover (2).




[31] Close the top covers

## Finish the maintenance task

1. Close the front doors.
2. Use socket wrench 10 to tighten the bolt of the front doors.



[32] Close the front doors

3. On the operator panel, confirm that you successfully replaced the cleaners.

# Lock the clean unit (left)

## Introduction

This procedure describes how to replace the charge unit.

## When to do

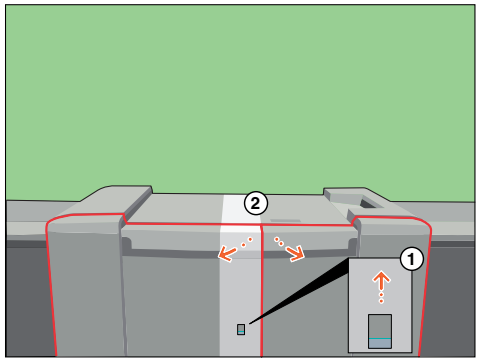
After you replaced the cleaners *'Replace the cleaners'* on page 14, you must restart the machine. If you accidentally forgot to lock a clean unit after you replaced the cleaners, the machine will detect this during the initialization. Then the operator panel will display this maintenance task.

## Required tool

- D-wrench (supplied with the machine)
- Socket wrench 10 (supplied with the machine)

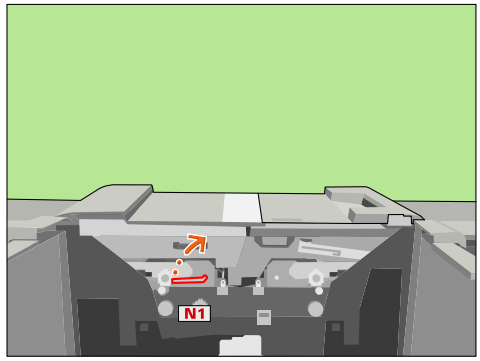
## Lock the clean unit

1. Use socket wrench 10 to loosen the bolt of the front doors (1).
2. Open the front doors (2).



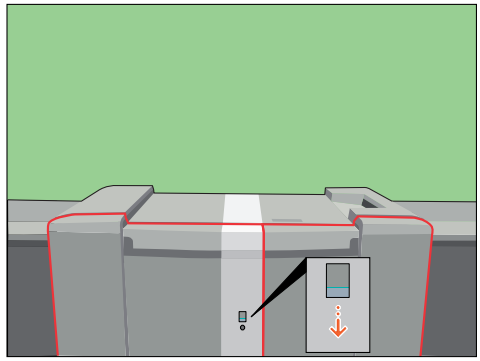

[33] Open the front doors

3. Use the D-wrench to turn N1 clockwise.




[34] Lock the clean unit

4. Close the front doors.
5. Use socket wrench 10 to tighten the bolt of the front doors.



[35] Close the front doors

6. On the operator panel, confirm that you successfully locked the clean unit.

# Lock the clean unit (right)

## Introduction

This procedure describes how to replace the charge unit.

## When to do

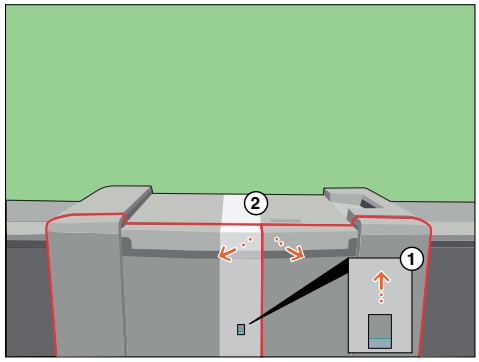
After you replaced the cleaners *'Replace the cleaners'* on page 14, you must restart the machine. If you accidentally forgot to lock a clean unit after you replaced the cleaners, the machine will detect this during the initialization. Then the operator panel will display this maintenance task.

## Required tool

- D-wrench (supplied with the machine)
- Socket wrench 10 (supplied with the machine)

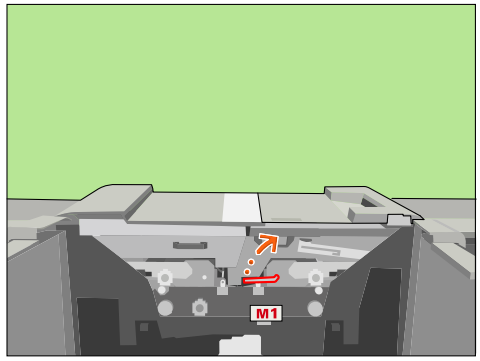
## Lock the clean unit

1. Use socket wrench 10 to loosen the bolt of the front doors (1).
2. Open the front doors (2).



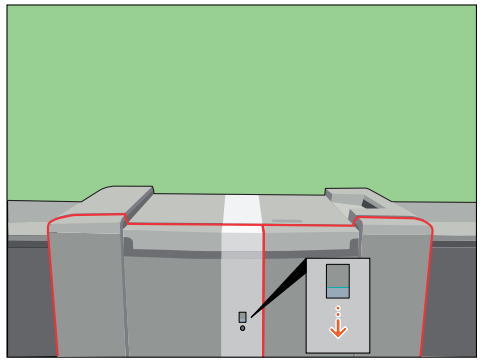

[36] Open the front doors

3. Use the D-wrench to turn M1 clockwise.




[37] Lock the clean unit

4. Close the front doors.
5. Use socket wrench 10 to tighten the bolt of the front doors.



[38] Close the front doors

6. On the operator panel, confirm that you successfully locked the clean unit.

# Chapter 3
# Maintenance tasks - Level 2

# Remove sheets from the process modules

## Introduction

During the printing process, sheets can get stuck in one or more process modules. Sometimes, you can only remove these sheets when the machine is off, for example when a sheet is stuck in the preheat unit. Then, only trained operators are allowed to remove these sheets. This section describes the procedure to check all the modules and remove the sheets.

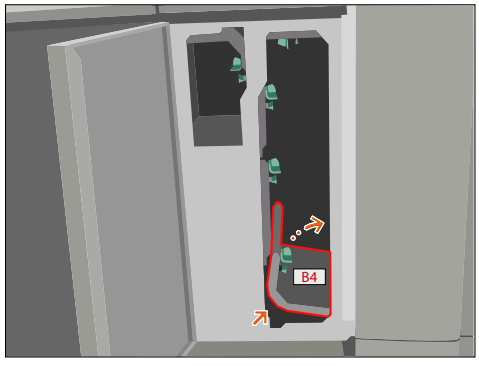
## Required tool

- D-wrench (supplied with the machine)
- Socket wrench 10 (supplied with the machine)
- Heat-resistant gloves (supplied with the machine)
- Adhesive tape (supplied with the machine)

***Caution:***
Certain parts of the machine may be hot. Therefore, always use the special heat- and oil-resistant fuser gloves.

## Remove sheets from the interface module

1. Open the front door of the interface module.
2. Remove the sheets at B4.



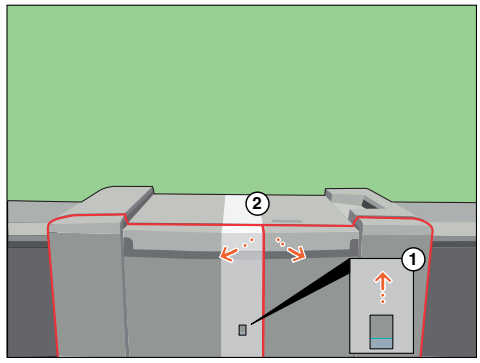

[39] Remove the sheets at B4

3. Close B4.
4. Close the front door of the interface module.

*Note:*
After you checked the interface module for sheets, you must press 'Next' on the operator panel to continue.

## Open the doors

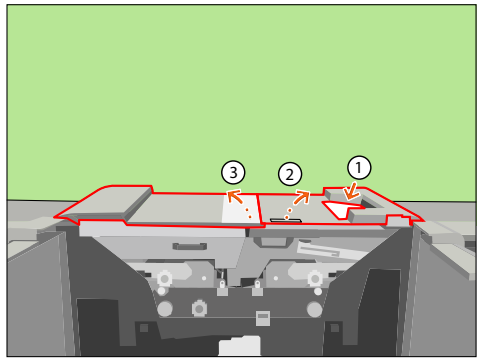
1. Use socket wrench 10 to loosen the bolt of the front doors (1).
2. Open the front doors (2).




[40] Open the front doors

## Remove sheets at the top cover

1. Remove the sheets at the top cover (1).
2. Lift the right-hand top cover to the upper position (2).
3. Lift the left-hand top cover to the upper position (3).



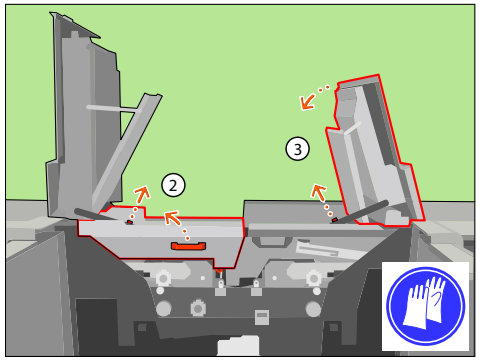

[41] Remove the sheets at the top cover

## Remove sheets at the inner covers

***Caution:***
Hot area. Use heat-resistant gloves.

***Caution:***
Make sure that the left-hand inner cover is locked in the upper position.

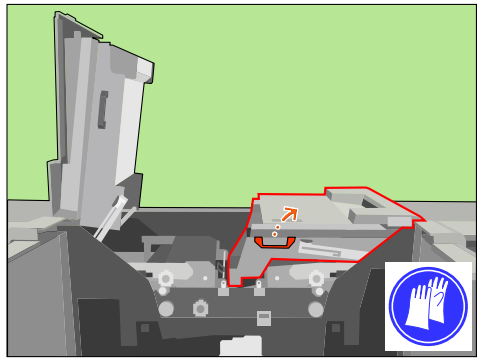
1. Remove the sheets at the inner covers.
2. Unlock the left-hand inner cover and lift the left-hand inner cover to the upper position (2).
3. Unlock and **lower** the right-hand top cover (3).




[42] Open the inner covers (1 of 2)

***Caution:***
Make sure that the right-hand inner cover is locked in the upper position.

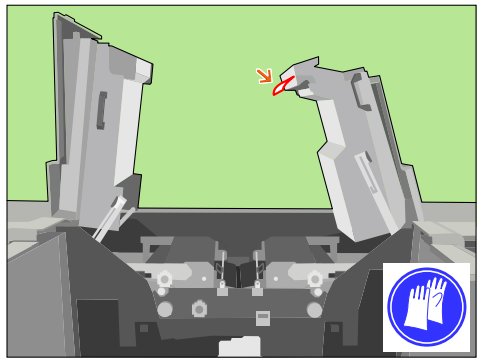
4. Lift the right-hand inner cover to the upper position.



[43] Open the inner covers (2 of 2)

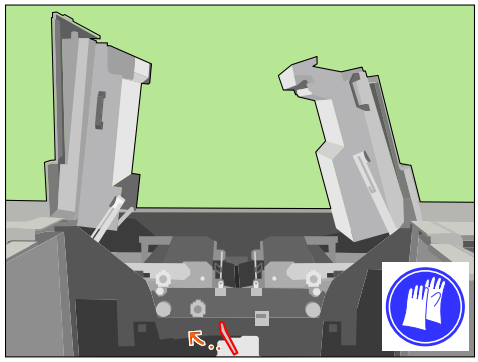
5. Remove the sheets from the receiving unit.

*Note:*
Always pull out the sheet straight and in horizontal direction.



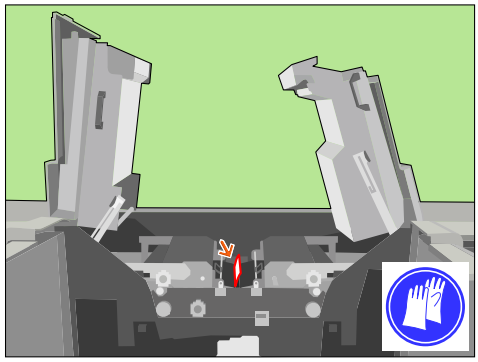
[44] Remove the sheets from the receiving unit

6. Use the D-wrench to turn the axle of the transfuse pinch clockwise. The transfuse pinch gets unlocked.



[45] Unlock the transfuse pinch

7. Remove the sheets from the transfuse pinch.

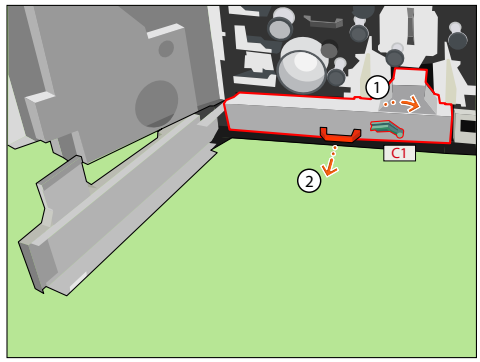


[46] Remove the sheets from the transfuse pinch

## Remove sheets from the registration unit

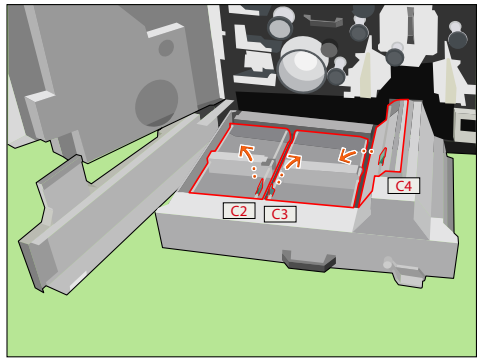
1. Turn handle C1 clockwise (1).
2. Open drawer C1 (2).

*Note:*
Opening the drawer can be difficult due to jammed media.




[47] Open the registration unit

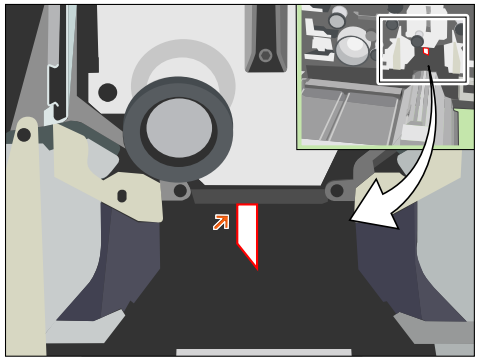
3. Remove the sheets at C2, C3 and C4.




[48] Remove the sheets from the registration unit

***Caution:***
Hot area.

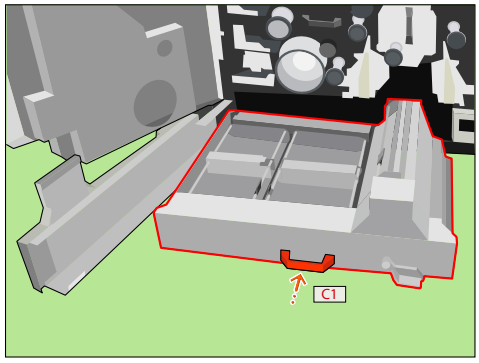
4. Remove the sheets below the preheat unit.



[49] Remove the sheets below the preheat unit

5. Close drawer C1.

*Note:*
Do not turn handle C1.

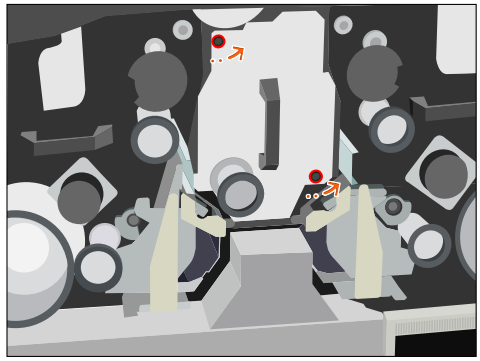



[50] Close drawer C1

## Remove the preheat unit

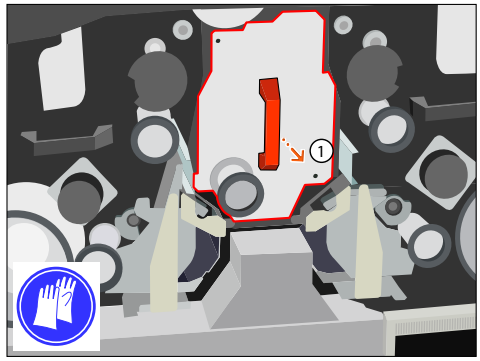
***Caution:***
Hot area. Use heat-resistant gloves.

1. Loosen the bolts of the preheat unit to unlock the preheat unit.



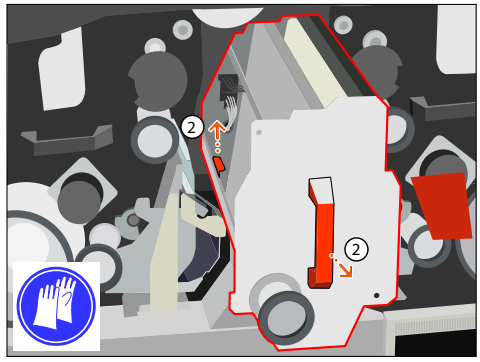
[51] Unlock the preheat unit

2. Pull out the unit as far as possible.




[52] Pull the unit out

3. Lift the red handle and pull the unit further outwards.



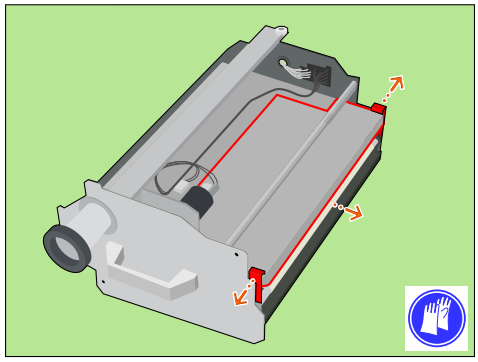

[53] Pull the unit out further

4. Lower the front of the unit and remove the unit.
5. Put the unit on a heat-resistant base. Make sure that the left-hand side is on top.

## Disassemble and assemble the preheat unit

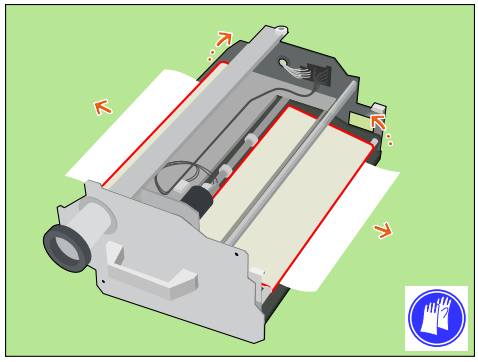
***Caution:***
Hot area. Use heat-resistant gloves.

1. Press both red leaf springs at the preheat unit plate outwards and pull out the plate.



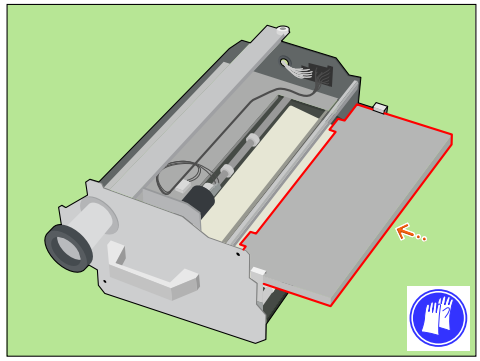
[54] Disassemble the preheat unit

2. Turn both belts to remove the sheets inside the preheat unit.



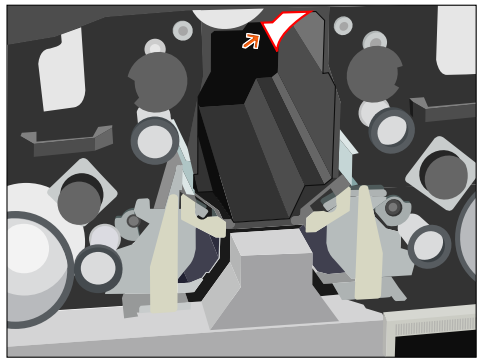
[55] Turn the belts

3. Put the preheat unit plate back.



[56] Assemble the preheat unit

4. Remove the sheets below the transfer unit.

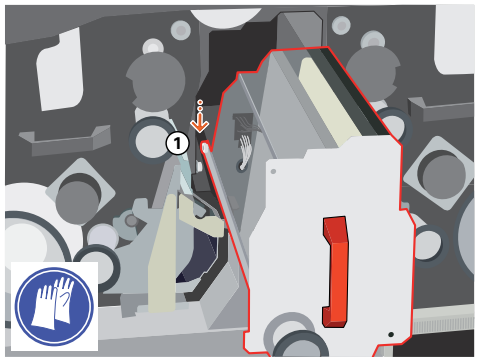


[57] Remove the sheets below the transfer unit

## Install the preheat unit

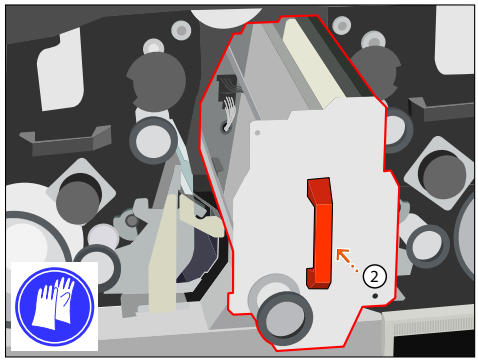
***Caution:***
Hot area. Use heat-resistant gloves.

1. Put the slider wheels of the preheat unit behind the slider wheels of the machine.



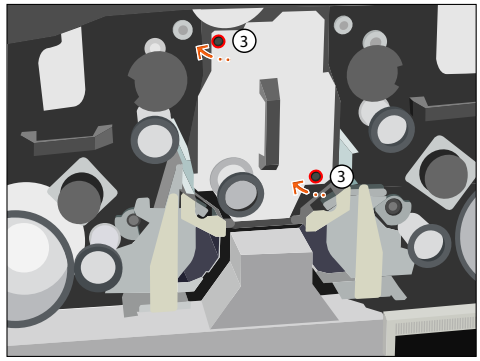

[58] Install the preheat unit

2. Put the preheat unit in horizontal position and push the unit into the machine.



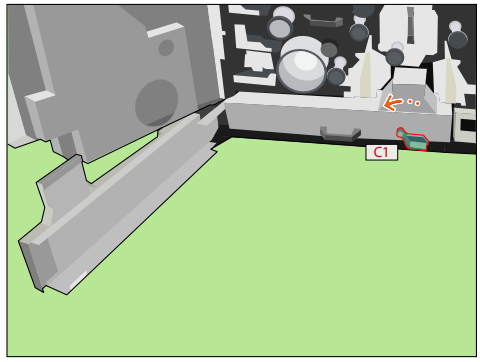

[59] Push the preheat unit into the machine

3. Tighten the bolts of the preheat unit.




[60] Tighten the bolts

4. Turn handle C1 anticlockwise to lock the registration unit.



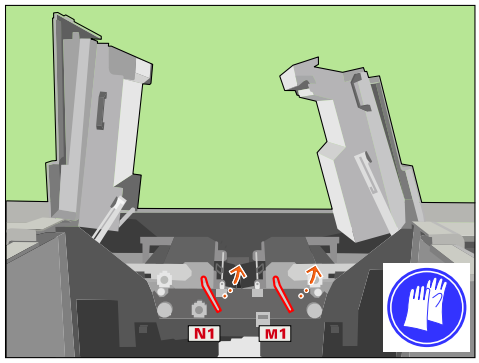

[61] Lock the registration unit

## Unlock the clean units

***Caution:***
Hot area. Use heat-resistant gloves.

1. Use the D-wrench to turn N1 counter-clockwise.

2. Use the D-wrench to turn M1 counter-clockwise.



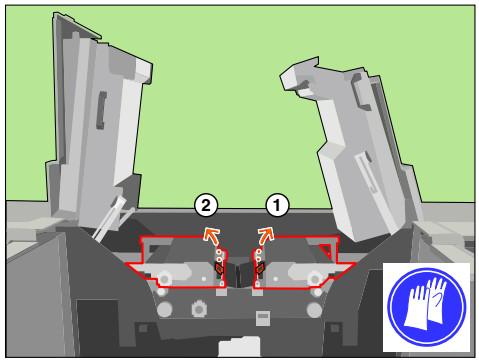

[62] Unlock the clean units

## Lift the clean units

***Caution:***
Hot area. Use heat-resistant gloves.

***Caution:***
Make sure that both clean units are locked in the upper position.

1. Use the red handle to lift the right-hand clean unit to the upper position (1).
2. Use the red handle to lift the left-hand clean unit to the upper position (2).




[63] Lift the clean units

When you press 'Next' on the operator panel, a dialog box appears.

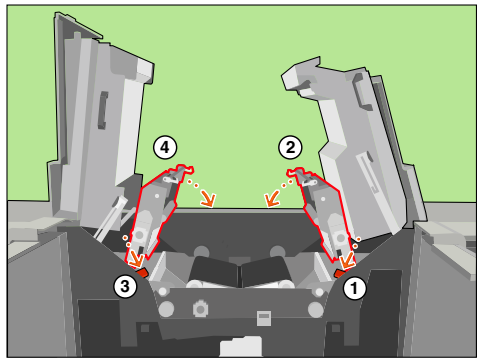
***Attention:***
A sheet on one of the spiral cleaners or on both spiral cleaners will seriously damage the machine.

3. Check whether there is a sheet on one of the spiral cleaners.
   If not, go to step 4. If there is, go to step 5.
4. Press 'No' if the spiral cleaners do not have sheets on them.
5. Press 'Yes' if there is a sheet on one of the spiral cleaners. Now you must follow the procedures for removing, reconditioning and installating of the sheet cleaners and spiral cleaners *'Replace the cleaners'* on page 14.

## Lower the clean units

***Attention:***
Make sure that the clean units are in the lowest position.

1. Lift the right-hand clean unit and push the red handle to unlock the locking mechanism (1).
2. Lower the right-hand clean unit into the locked position (2).
3. Lift the left-hand clean unit and push the red handle to unlock the locking mechanism (3).
4. Lower the left-hand clean unit into the locked position (4).

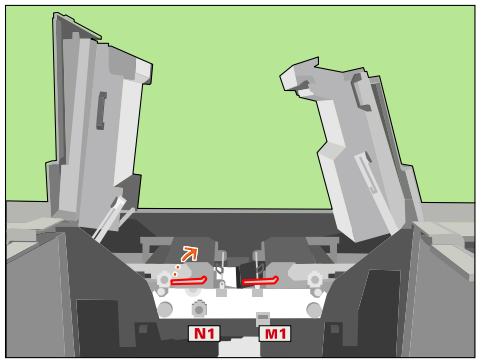



[64] Lower the clean units

## Lock the clean units

1. Use the D-wrench to turn N1 clockwise.

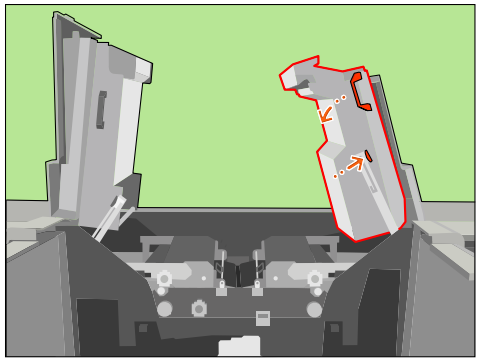
2. Use the D-wrench to turn M1 clockwise.




[65] Lock the clean units

## Close the covers

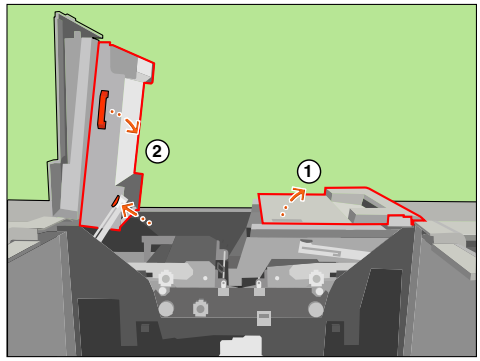
1. Unlock and lower the right-hand inner cover.



[66] Close the right-hand inner cover

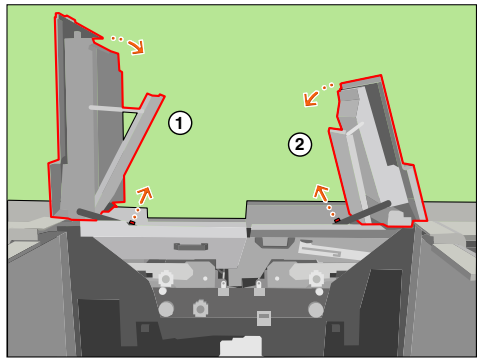
2. Lift the right-hand top cover to the upper position (1).

3. Unlock and lower the left-hand inner cover (2).




[67] Close the left-hand inner cover

4. Close the left-hand top cover (1).
5. Close the right-hand top cover (2).

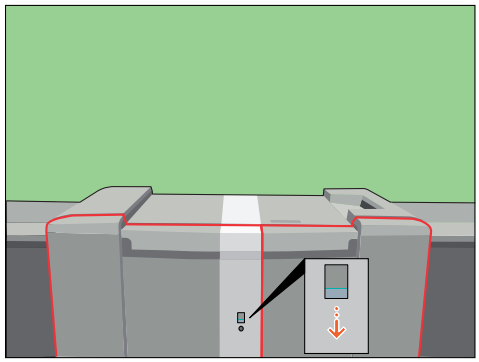



[68] Close the top covers

## Finish the maintenance task

1. Close the front doors.

2. Use socket wrench 10 to tighten the bolt of the front doors.



[69] Close the front doors

3. On the operator panel, confirm that you successfully removed the sheets.

# Clean the OPC belt (left)

## Introduction

This procedure describes how to replace the charge unit.

## When to do

When each 7th print contains a pollution at exact the same location.

## Before you begin

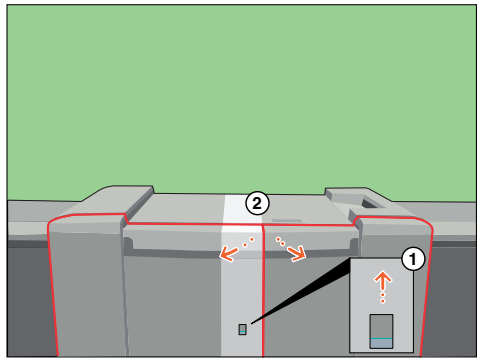
Make sure that you have the Cleaner P and the offset pads at hand.

## Required tool

- D-wrench (supplied with the machine)
- Socket wrench 10 (supplied with the machine)
- Heat-resistant gloves (supplied with the machine)
- Adhesive tape (supplied with the machine)

## Open the doors

1. Use socket wrench 10 to loosen the bolt of the front doors (1).
2. Open the front doors (2).

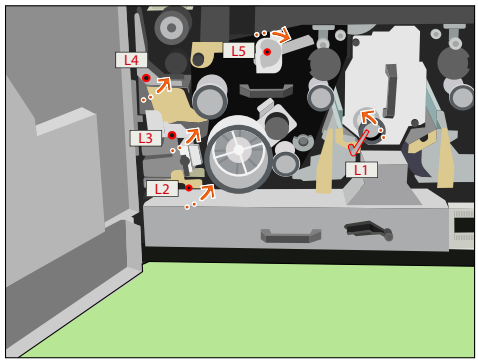



[70] Open the front doors

## Unlock the OPC unit

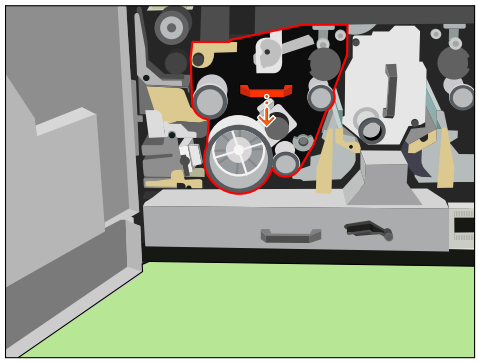
1. Use the D-wrench to push and turn L1 counter-clockwise.

2. Use the D-wrench to push and turn L2 counter-clockwise.
3. Use the D-wrench to push and turn L3 counter-clockwise.
4. Use the D-wrench to push and turn L4 counter-clockwise.
5. Use the D-wrench to turn L5 clockwise.




[71] Unlock the OPC unit

6. Use the red handle to move the OPC unit as far outward as possible.

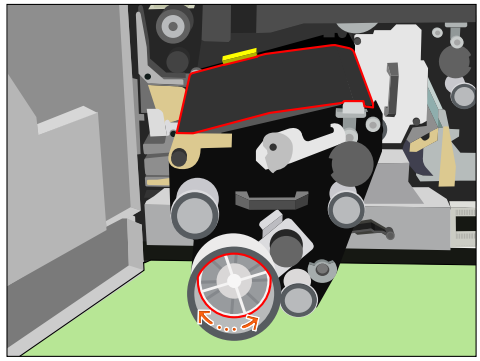


[72] Move the OPC unit out

## Clean the OPC belt

***Attention:***
Do not touch the OPC belt with your fingers.

1. Rotate the metal OPC pulley until the spots are visible.

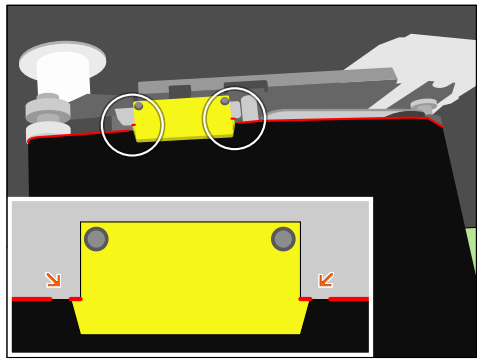


[73] Rotate the OPC pulley

2. Apply a small amount of Cleaner P on an offset pad.
3. Clean the spot with this offset pad.
4. Carefully remove all Cleaner P from the OPC belt. Use new offset pads for this.

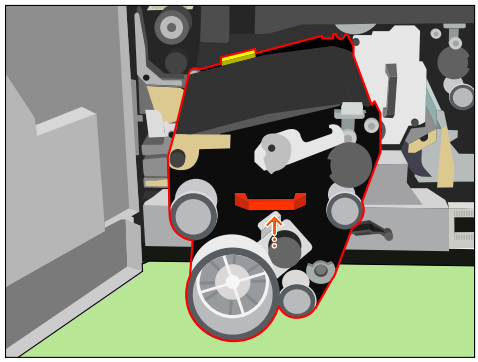
## Lock the OPC unit

1. Rotate the metal OPC pulley until the end of the back side of the OPC belt runs near (+/- 0.1 inch) the arrows of the yellow registration board.



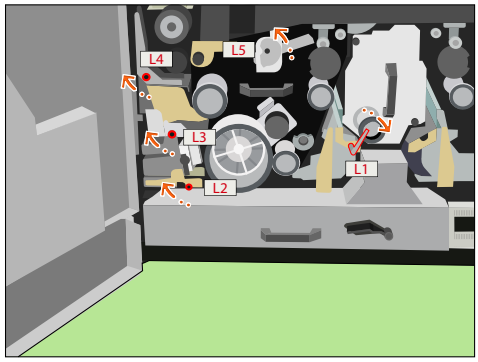
[74] Reposition the OPC belt

2. Use the red handle to push the OPC unit inwards as far as possible.



[75] Move the OPC unit in

3. Use the D-wrench to turn L5 counter-clockwise into the locked position.
4. Use the D-wrench to turn L4 clockwise into the locked position.
5. Use the D-wrench to turn L3 clockwise into the locked position.
6. Use the D-wrench to turn L2 clockwise into the locked position.
7. Use the D-wrench to turn L1 clockwise into the locked position.

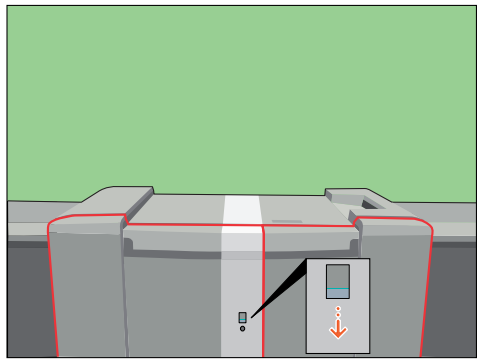



[76] Lock the OPC unit

## Finish the maintenance task

1. Close the front doors.

2. Use socket wrench 10 to tighten the bolt of the front doors.



[77] Close the front doors

3. On the operator panel, confirm that you successfully cleaned the OPC belt.

# Clean the OPC belt (right)

## Introduction

This procedure describes how to replace the charge unit.

## When to do

When each 7th print contains a pollution at exact the same location.

## Before you begin

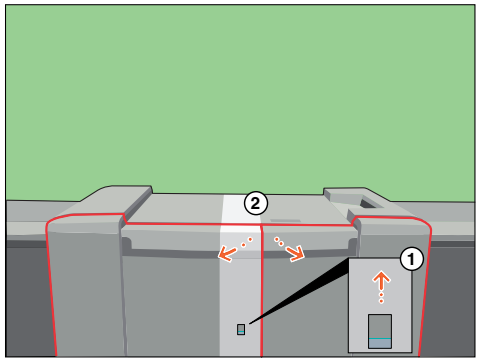
Make sure that you have the Cleaner P and the offset pads at hand.

## Required tool

- D-wrench (supplied with the machine)
- Socket wrench 10 (supplied with the machine)
- Heat-resistant gloves (supplied with the machine)
- Adhesive tape (supplied with the machine)

## Open the doors

1. Use socket wrench 10 to loosen the bolt of the front doors (1).
2. Open the front doors (2).

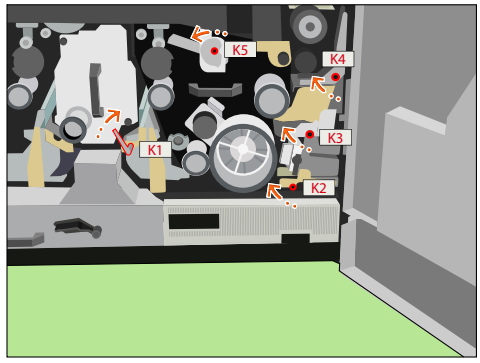



[78] Open the front doors

## Unlock the OPC unit

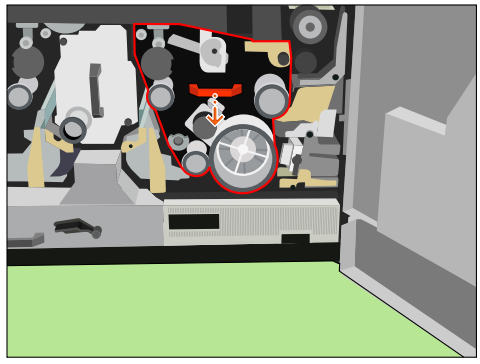
1. Use the D-wrench to push and turn K1 clockwise.

2. Use the D-wrench to turn K2 clockwise.
3. Use the D-wrench to push and turn K3 clockwise.
4. Use the D-wrench to push and turn K4 clockwise.
5. Use the D-wrench to turn K5 counter-clockwise.




[79] Unlock the OPC unit

6. Use the red handle to move the OPC unit as far outward as possible.

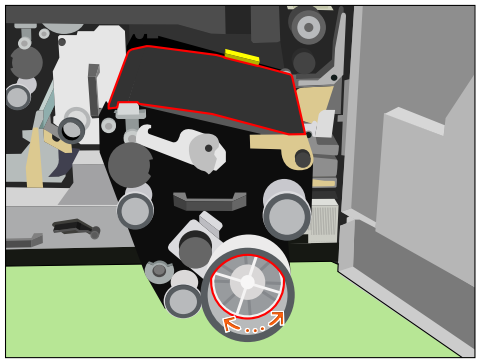


[80] Move the OPC unit out

## Clean the OPC belt

***Attention:***
Do not touch the OPC belt with your fingers.

1. Rotate the metal OPC pulley until the spots are visible.

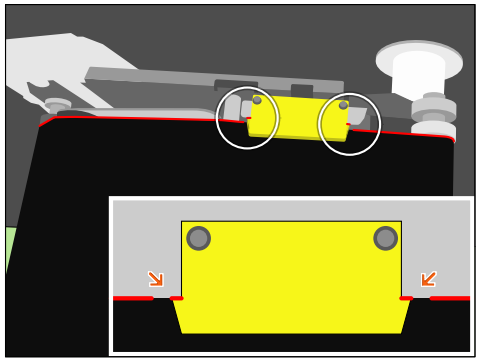


[81] Rotate the OPC pulley

2. Apply a small amount of Cleaner P on an offset pad.
3. Clean the spot with this offset pad.
4. Carefully remove all Cleaner P from the OPC belt. Use new offset pads for this.

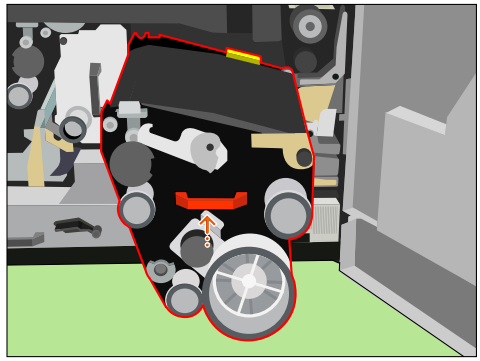
## Lock the OPC unit

1. Rotate the metal OPC pulley until the end of the back side of the OPC belt runs near (+/- 0.1 inch) the arrows of the yellow registration board.



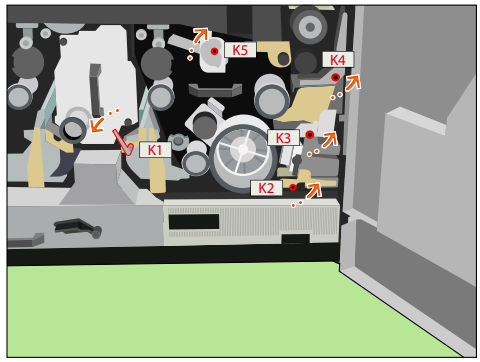
[82] Reposition the OPC belt

2. Use the red handle to push the OPC unit inwards as far as possible.



[83] Move the OPC unit in

3. Use the D-wrench to turn K5 clockwise into the locked position.
4. Use the D-wrench to turn K4 counter-clockwise into the locked position.
5. Use the D-wrench to turn K3 counter-clockwise into the locked position.
6. Use the D-wrench to turn K2 counter-clockwise into the locked position.
7. Use the D-wrench to turn K1 counter-clockwise into the locked position.

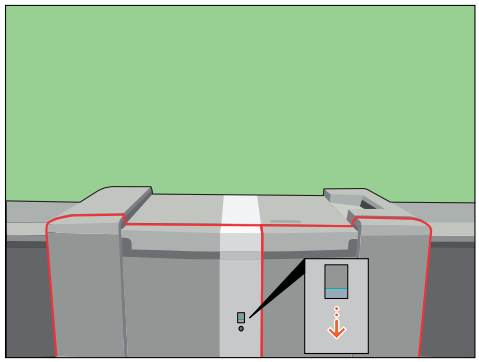



[84] Lock the OPC unit

## Finish the maintenance task

1. Close the front doors.

2. Use socket wrench 10 to tighten the bolt of the front doors.



[85] Close the front doors

3. On the operator panel, confirm that you successfully cleaned the OPC belt.

# Clean the glue cleaning rollers

## Introduction

This procedure describes how to replace the charge unit.

## When to do

Certain media may contain substances (for example ink or wax) that pollute the machine. This pollution can lead to decreased image quality and/or machine damage. Depending on the amount of substances, you must clean the glue cleaning rollers at a certain interval. Consult your service technician if you need advise.

## Before you begin

Make sure that the machine is switched off.

## Required tool

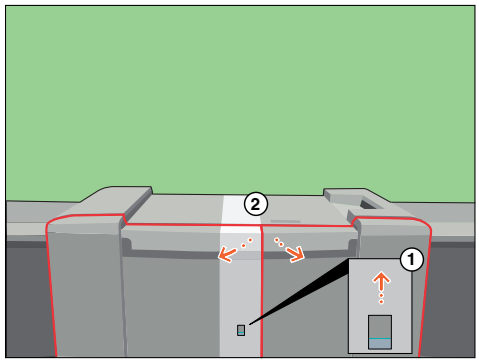
- D-wrench (supplied with the machine)
- Socket wrench 10 (supplied with the machine)
- Heat-resistant gloves (supplied with the machine)
- Offset pads (supplied with the machine)
- Large sheets of paper to protect the OPC
- Océ Cleaner P (supplied with the machine)
- Océ Cleaner K
- Océ Cleaner T

***Caution:***
Hot area. Use heat-resistant gloves.

## Open the doors and covers

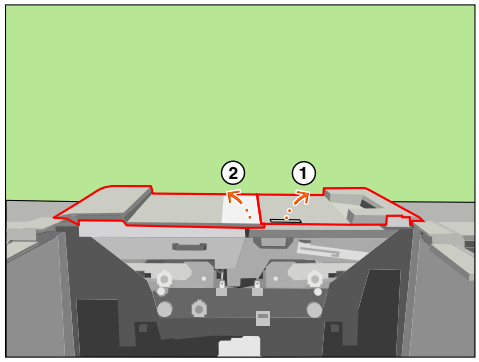
1. Use socket wrench 10 to loosen the bolt of the front doors (1).

2. Open the front doors (2).




[86] Open the front doors

3. Lift the right-hand top cover to the upper position (1).
4. Lift the left-hand top cover to the upper position (2).



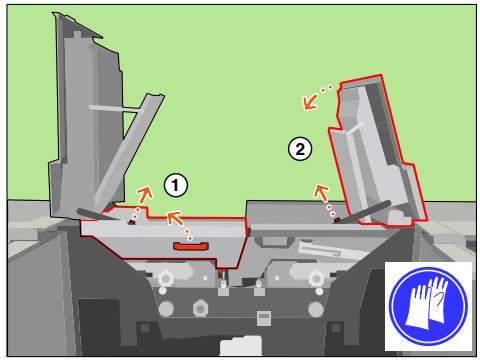

[87] Lift the top covers

***Caution:***
Hot area. Use heat-resistant gloves.

***Caution:***
Make sure that the left-hand inner cover is locked in the upper position.

5. Unlock the left-hand upper cover and lift the left-hand inner cover to the upper position (1).

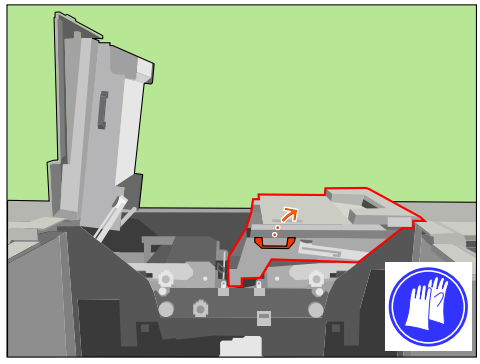
6. Unlock and **lower** the right-hand top cover (2).




[88] Lift the left-hand inner cover

***Caution:***
Make sure that the right-hand inner cover is locked in the upper position.

7. Lift the right-hand inner cover to the upper position.



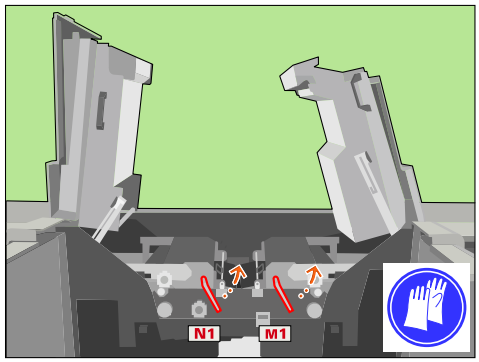
[89] Lift the right-hand inner cover

## Unlock the clean units

***Caution:***
Hot area. Use heat-resistant gloves.

1. Use the D-wrench to turn N1 counter-clockwise.

2. Use the D-wrench to turn M1 counter-clockwise.



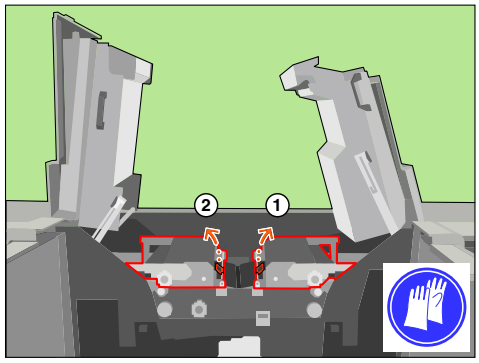

[90] Unlock the clean units

## Lift the clean units

***Caution:***
Hot area. Use heat-resistant gloves.

***Caution:***
Make sure that both clean units are locked in the upper position.

1. Use the red handle to lift the right-hand clean unit to the upper position (1).
2. Use the red handle to lift the left-hand clean unit to the upper position (2).

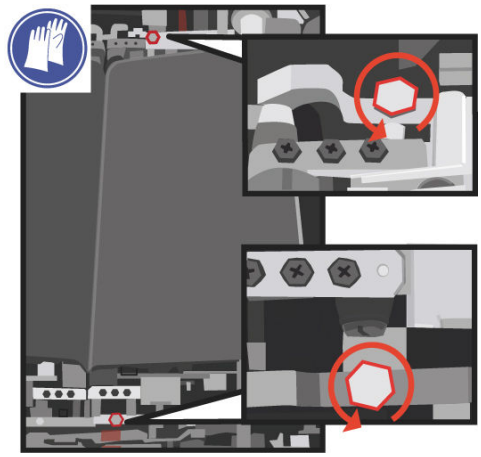



[91] Lift the clean units

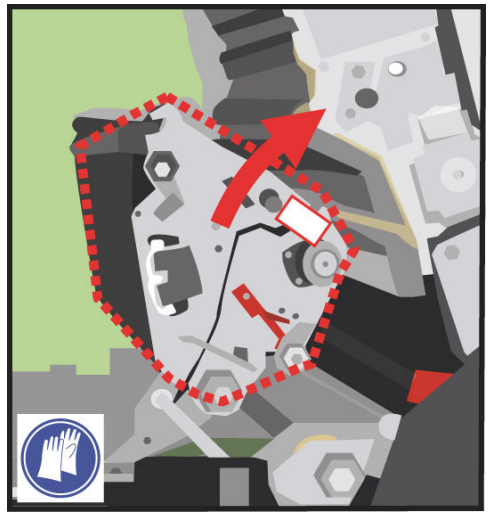
## Lift the TTF units

***Caution:***
Hot area. Use heat-resistant gloves.

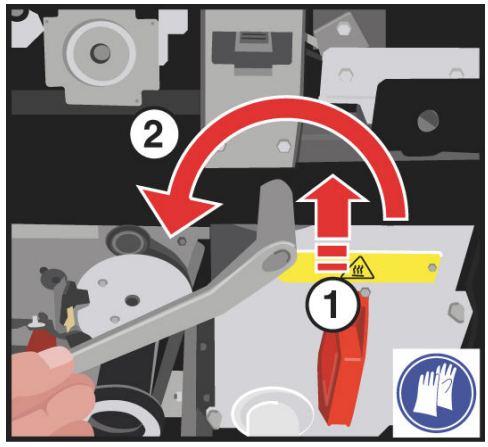
1. Use socket wrench 10 to loosen the two bolts of the right-hand TTF Unit.



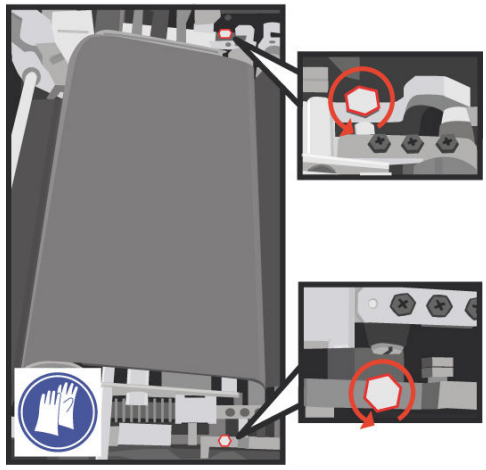
2. Lift the right-hand TTF unit, using the metal bar at the front side.



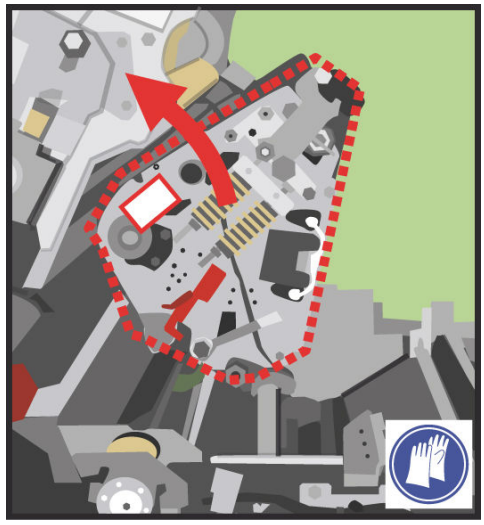
3. Push the D-wrench at the indicated location inside and turn it counter-clockwise.




4. Use socket wrench 10 to loosen the two bolts of the left-hand TTF Unit.



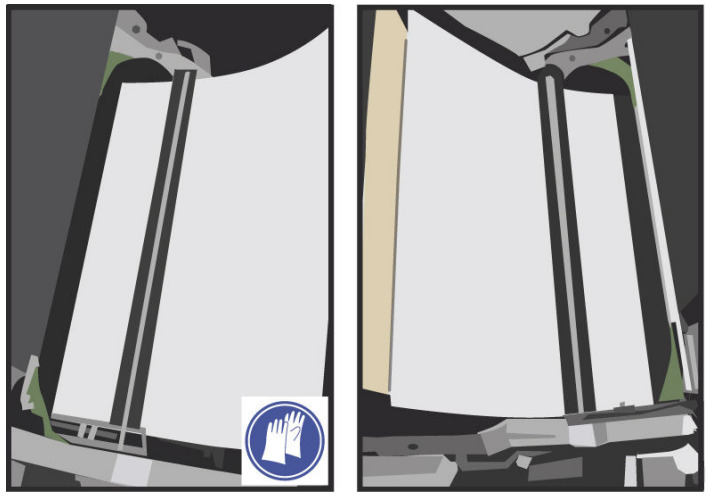
5. Lift the left-hand TTF unit, using the metal bar at the front side.



## Prepare for cleaning

***Caution:***
Hot area. Use heat-resistant gloves.

1. Put a minimum of 4 layers of paper under the left-hand and the right-hand glue cleaning roller to protect the OPC.



## Clean the glue cleaning rollers

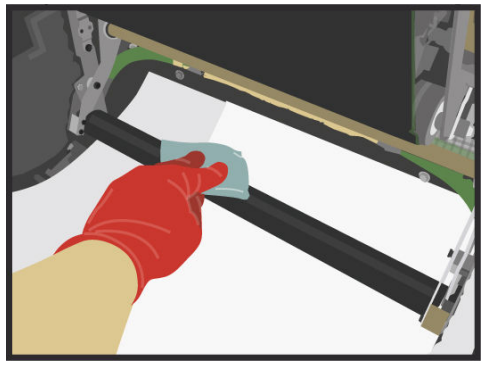
***Caution:***
Cleaner fluids can cause irritation. Read the Material Safety Data Sheets of the cleaner fluids before use.

***Caution:***
Hot area. Use heat-resistant gloves.

***Attention:***
Always clean both glue cleaning rollers.

***Attention:***
For all cleaning actions, apply a small amount of cleaner fluid on an offset pad. Depending on the kind of pollution, you require different cleaner fluids.

1. Clean the glue cleaning rollers with Océ Cleaner K.

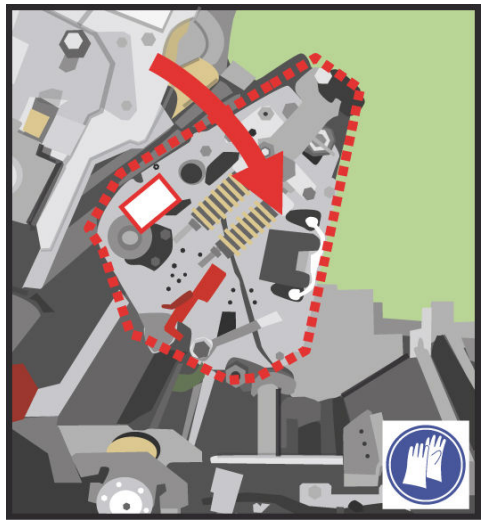


2. When the rollers contain white pollution (probably PE-wax), clean the rollers with Océ Cleaner T.
3. When the rollers show extreme pollution,
   - clean the rollers with Océ Cleaner P first and then,
   - clean the rollers with Océ Cleaner T.
4. Clean the rollers again with Océ cleaner K to finish the cleaning procedure.
5. Carefully remove all the protective paper.

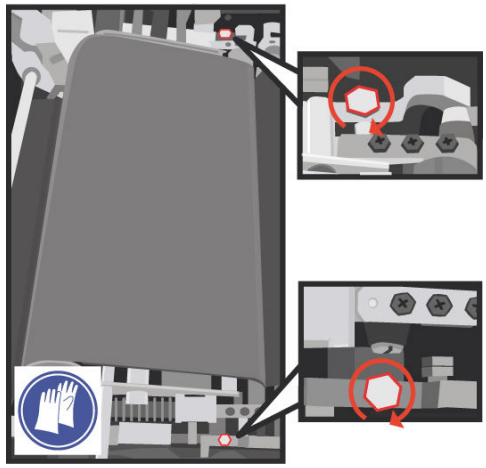
## Close the TTF units

***Caution:***
Hot area. Use heat-resistant gloves.

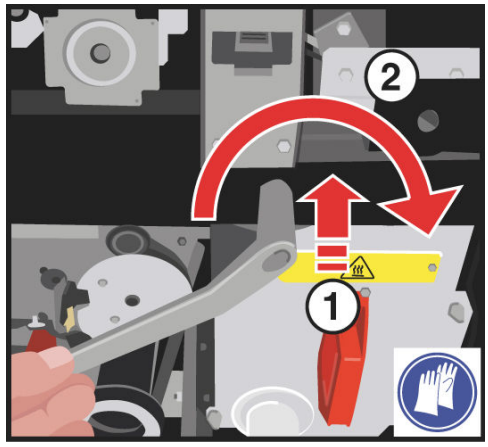
1. Carefully push the left-hand TTF unit down, using the metal bar at the front side.



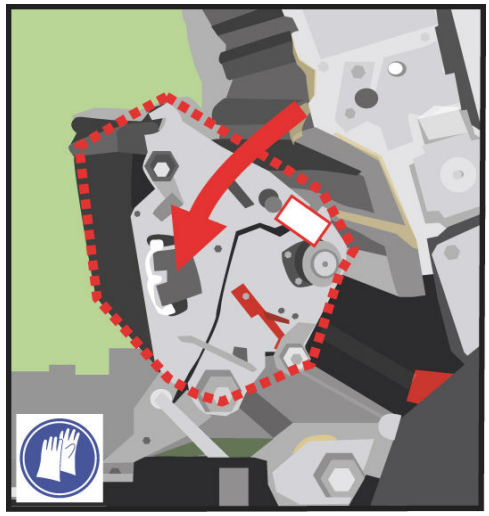
2. Use socket wrench 10 to tighten the two bolts of the left-hand TTF Unit.



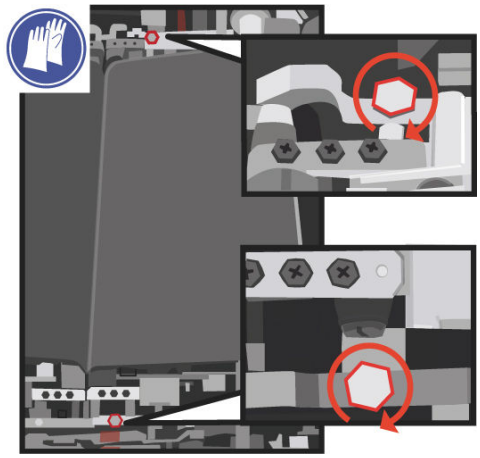
3. Push the D-wrench at the indicated location inside and turn it clockwise.




4. Carefully push the right-hand TTF unit down, using the metal bar at the front side.



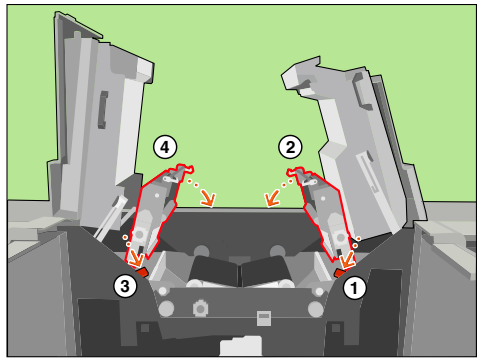
5. Use socket wrench 10 to tighten the two bolts of the left-hand TTF Unit.



## Lower the clean units

***Attention:***
Make sure that the clean units are in the lowest position.

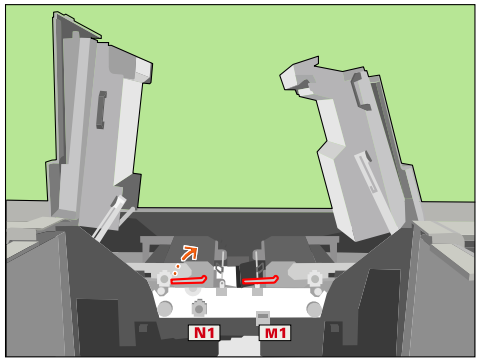
1. Lift the right-hand clean unit and push the red handle to unlock the locking mechanism (1).
2. Lower the right-hand clean unit into the locked position (2).
3. Lift the left-hand clean unit and push the red handle to unlock the locking mechanism (3).
4. Lower the left-hand clean unit into the locked position (4).




[104] Lower the clean units

## Lock the clean units

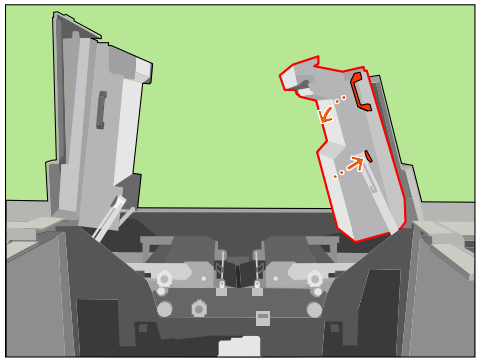
1. Use the D-wrench to turn N1 clockwise.
2. Use the D-wrench to turn M1 clockwise.




[105] Lock the clean units

## Close the covers

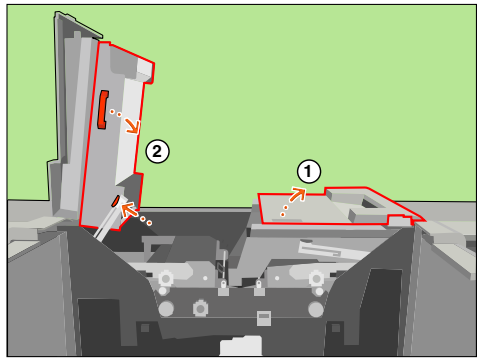
1. Unlock and lower the right-hand inner cover.



[106] Close the right-hand inner cover

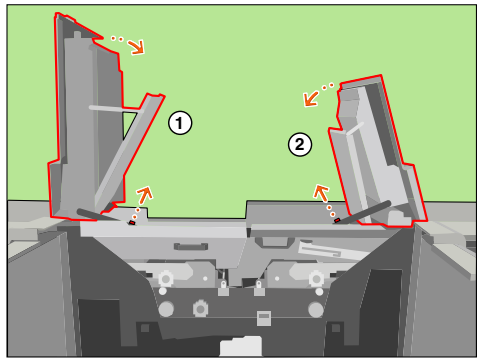
2. Lift the right-hand top cover to the upper position (1).

3. Unlock and lower the left-hand inner cover (2).




[107] Close the left-hand inner cover

4. Close the left-hand top cover (1).
5. Close the right-hand top cover (2).

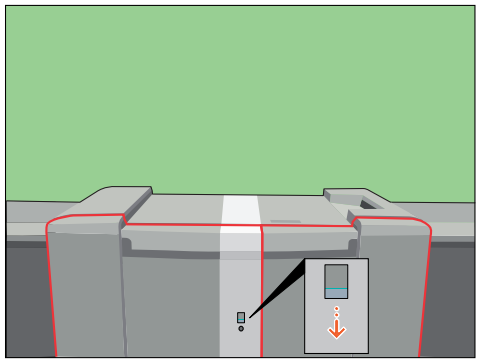



[108] Close the top covers

## Finish the maintenance task

1. Close the front doors.

2. Use socket wrench 10 to tighten the bolt of the front doors.



[109] Close the front doors

# Appendix A
# Miscellaneous

# Reader's comment sheet

## Questions

Have you found this manual to be accurate?
O Yes
O No

Were you able to operate the product, after reading this manual?
O Yes
O No

Does this manual provide sufficient background information?
O Yes
O No

Is the format of this manual convenient in size, readability and arrangement (page layout, chapter order, etc.)?
O Yes
O No

Could you find the information you were looking for?
O Always
O Most of the times
O Sometimes
O Not at all

What did you use to find the required information?
O Table of contents
O Index

Are you satisfied with this manual?
O Yes
O No

Thank you for evaluating this manual.
If you have other comments or concerns, please explain or suggest improvements overleaf or on a separate sheet.

**Comments:**

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**Date:**

This reader's comment sheet is completed by:
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**Occupation:**

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5900 MA Venlo
The Netherlands

Send your comments by E-mail to: itc-userdoc@oce.com

For the addresses of local Océ organisations see: http://www.oce.com

# Addresses of local Océ organisations

| | |
|---|---|
| Océ-Australia Ltd.<br>P.O. Box 363<br>Ferntree Gully MDC<br>Vic 3165<br>**Australia**<br>http://www.oce.com.au/ | Océ-Österreich GmbH<br>Postfach 95<br>1233 Vienna<br>Wienerbergstrasse 11<br>Vienna Twin Tower<br>1100 Vienna<br>**Austria**<br>http://www.oce.at/ |
| Océ-Belgium N.V./S.A.<br>J. Bordetlaan 32<br>1140 Brussel<br>**Belgium**<br>http://www.oce.be/ | Océ-Brasil Comércio e Indústria Ltda.<br>Av. das Nações Unidas, 11.857<br>Brooklin Novo<br>São Paulo-SP 04578-000<br>**Brasil**<br>http://www.oce-brasil.com.br/ |
| Océ-Canada Inc.<br>4711 Yonge Street, Suite 1100<br>Toronto, Ontario M2N 6K8<br>**Canada**<br>http://www.oce.ca/ | Océ Office Equipment (Shanghai)<br>First Shanghai Center, Phase II, Building 4,<br>Lane 180, Zhangheng Road<br>Pudong District<br>Shanghai 201204, P.R.<br>**China**<br>http://www.oce.com.cn/ |
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| Océ Finland OY<br>Niittyrinne 7<br>02270 Espoo<br>**Finland**<br>http://www.oce.fi/ | Océ-France S.A.<br>32, Avenue du Pavé Neuf<br>93882 Noisy-le-grand, Cedex<br>**France**<br>http://www.oce.fr/ |

| | |
|---|---|
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